

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

503.30414V18

SERIAL NO.

09/614 764

APPLICANT

KATO, et al.

FILING DATE

July 12, 2000

GROUP

3749

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SMG	3 6 5 2 4 4 4	2-72	Lester, et al.			
SMG	3 9 8 1 7 9 1	9-76	Rosvold			
SMG	4 2 2 6 8 9 7	10-80	Coleman			
SMG	4 3 1 1 4 2 7	1-82	Coad, et al.			
SMG	4 3 1 3 8 1 5	2-82	Graves, Jr. et al.			
SMG	4 4 4 9 8 8 5	5-84	Hertel, et al.			
SMG	4 4 5 7 6 6 1	7-84	Flint, et al.			
SMG	4 5 3 4 3 1 4	8-85	Ackley			
SMG	4 5 6 3 2 4 0	1-86	Shibata, et al.			
SMG	4 6 3 4 3 3 1	1-87	Hertel			
SMG	4 7 0 5 9 5 1	11-87	Layman, et al.			

FOREIGN PATENT DOCUMENTS

Abstract/

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO
SMG	6 2 8 9 8 8 1	4-87	Japan		X
SMG	6 2 2 0 7 8 6 6	9-87	Japan		X
SMG	1 3 1 9 7 0	2-89	Japan		X
SMG	1 3 1 9 7 1	2-89	Japan		X
SMG	6 3 6 5 8 2	1-89	Japan		X
SMG	1 1 3 5 0 1 5	5-89	Japan		X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SMG	R.P.H. Chang, "Multipurpose plasma reactor for materials research and processing", J. Vac. Sci. Technol., Vol. 14, No. 1, Jan./Feb. 1977, pages 278-280.
SMG	Semiconductor Equipment Association of Japan, "Terminological Dictionary of Semiconductor Equipment", front, table, page 183, back, November 20, 1987.
SMG	Semiconductor Equipment Association of Japan, "Semiconductor News", Vol. 4, pp. 38-43, April 10, 1987 (w/translation)

EXAMINER

Steve Savini

DATE CONSIDERED

10-12-03

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SMH	4 7 1 5 7 6 4	12-87	Hutchinson			
SMH	4 8 5 1 1 0 1	7-89	Hutchinson			
SMH	4 8 3 6 7 3 3	6-89	Hertel, et al.			
SMH	4 8 3 6 9 0 5	6-89	Davis, et al.			
SMH	4 8 9 5 1 0 7	1-90	Yano, et al.			
SMH	4 9 0 2 9 3 4	2-90	Miyamura, et al.			
SMH	4 9 0 3 9 3 7	2-90	Jakuniec, et al.			
SMH	4 9 0 9 6 9 5	3-90	Hurwitt, et al.			
SMH	4 9 1 1 5 9 7	3-90	Maydan, et al.			
SMH	4 9 1 5 5 6 4	4-90	Error, et al.			
SMH	4 9 1 7 5 5 6	4-90	Stark, et al.			

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Abstract/

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
SMH	2 6 5 2 5 2	3-90	Japan			X	
SMH	6 4 1 2 0 3 7	1-89	Japan			X	
SMH	2 6 1 0 6 4	3-90	Japan				X
SMH	1 3 1 0 5 5 3	12-89	Japan				X
SMH	1 2 5 1 7 3 4	10-89	Japan				X
SMH	6 2 4 4 5 7 1	2-87	Japan				X

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SMG	5 0 0 7 9 8 1	4-91	Kawasaki, et al.			
SMG	5 2 9 2 3 9 3	3-94	Maydan, et al.			
SMG	5 4 5 2 1 6 6	9-95	Aylwin, et al.			
SMG	5 5 0 4 0 3 3	4-96	Bajor, et al.			
SMG	5 5 0 4 3 4 7	4-96	Jovanovic, et al.			
SMG	5 5 5 6 7 1 4	9-96	Fukuyama, et al.			
SMG	5 6 5 1 8 5 8	7-97	Lin			
SMG	5 6 7 5 4 6 1	10-97	Aylwin, et al.			
SMG	4 3 1 3 7 8 3	2-82	Davies, et al.			
SMG	4 3 1 8 7 6 7	3-82	Hijkata, et al.			
SMG	4 9 6 9 7 9 0	11-90	Petz, et al.			

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					YES NO
SMG 6 2 5 0 4 6 3	3-87	Japan			X
SMG 2 1 0 6 0 3 7	4-90	Japan			X
SMG 5 7 2 9 5 7 7	2-82	Japan			X
SMG 6 3 1 5 3 2 7 0	6-88	Japan			X

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SMK	4 9 2 4 8 9 0	5-90	Giles, et al.	134	902	
SMK	4 9 3 6 3 2 9	6-90	Michael, et al.	134	902	
SMK	5 0 1 4 2 1 7	5-91	Savage	364	550	
Dup SMK	5 0 0 7 9 8 1	4-91	Kawasaki, et al.			
SMK	4 1 3 8 3 0 6	2-79	Niwa	156	345	
SMK	4 5 7 6 6 9 8	3-86	Gallagher, et al.	204	192	
Dup SMK	5 0 1 4 2 1 7	5-91	Savage	364	498	
SMK	5 3 5 1 4 1 5	10-94	Brooks, et al.	34	389	
SMK	4 6 4 3 6 2 9	2-87	Takahashi, et al.	414	331	
SMK	4 8 2 4 3 0 9	4-89	Kakehi, et al.	414	217	
SMK	4 9 5 1 6 0 1	8-90	Maydan, et al.	414	217X	

FOREIGN PATENT DOCUMENTS

Abstract/

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		YES	NO											
SMK	2	0	3	8	1	3	3	8	5-90	Europe	—			
SMK		6	4	1	2	0	3	7	1-89	Japan	—			
SMK			4	3	0	5	4	9	4-92	Japan	—			
SMK		8	7	0	7	3	0	9	5-87	PCT. Int'l Appl.	—			
SMK			2	9	4	6	4	7	4-90	Japan	—			
SMK	6	0	2	4	6	6	3	5	12-85	Japan	—			

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SMG	5 5 0 9 7 7 1	4-96	Hiroki	414	217	
SMG	5 4 6 2 3 9 7	10-95	Iwabuchi	414	222	
SMG	5 6 8 5 6 8 4	11-97	Kato, et al.	414	217	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
SMG	1 2 9 8 1 8 0	12-89	Japan				
SMG	2 0 2 4 6 4 5 3	4-87	Europe				
SMG	2 6 5 2 5 2	3-90	Japan				

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